

Data File : VU031389.D
Acq On : 22 Apr 2019 13:14
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Apr 23 01:03:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	569833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	526168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	249853	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.22%
7) Chloroethane-d5	1.68	69	205504	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.27	63	347139	33.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.78%
21) 2-Butanone-d5	4.19	46	338753	88.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.63%
24) Chloroform-d	4.64	84	361216	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
26) 1,2-Dichloroethane-d4	5.31	65	216258	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
32) Benzene-d6	5.34	84	713967	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
36) 1,2-Dichloropropane-d6	6.33	67	211112	39.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.22%
41) Toluene-d8	7.56	98	763826	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%
43) trans-1,3-Dichloropropene-	7.85	79	110646	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
47) 2-Hexanone-d5	8.31	63	274393	107.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	325381	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	233277	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

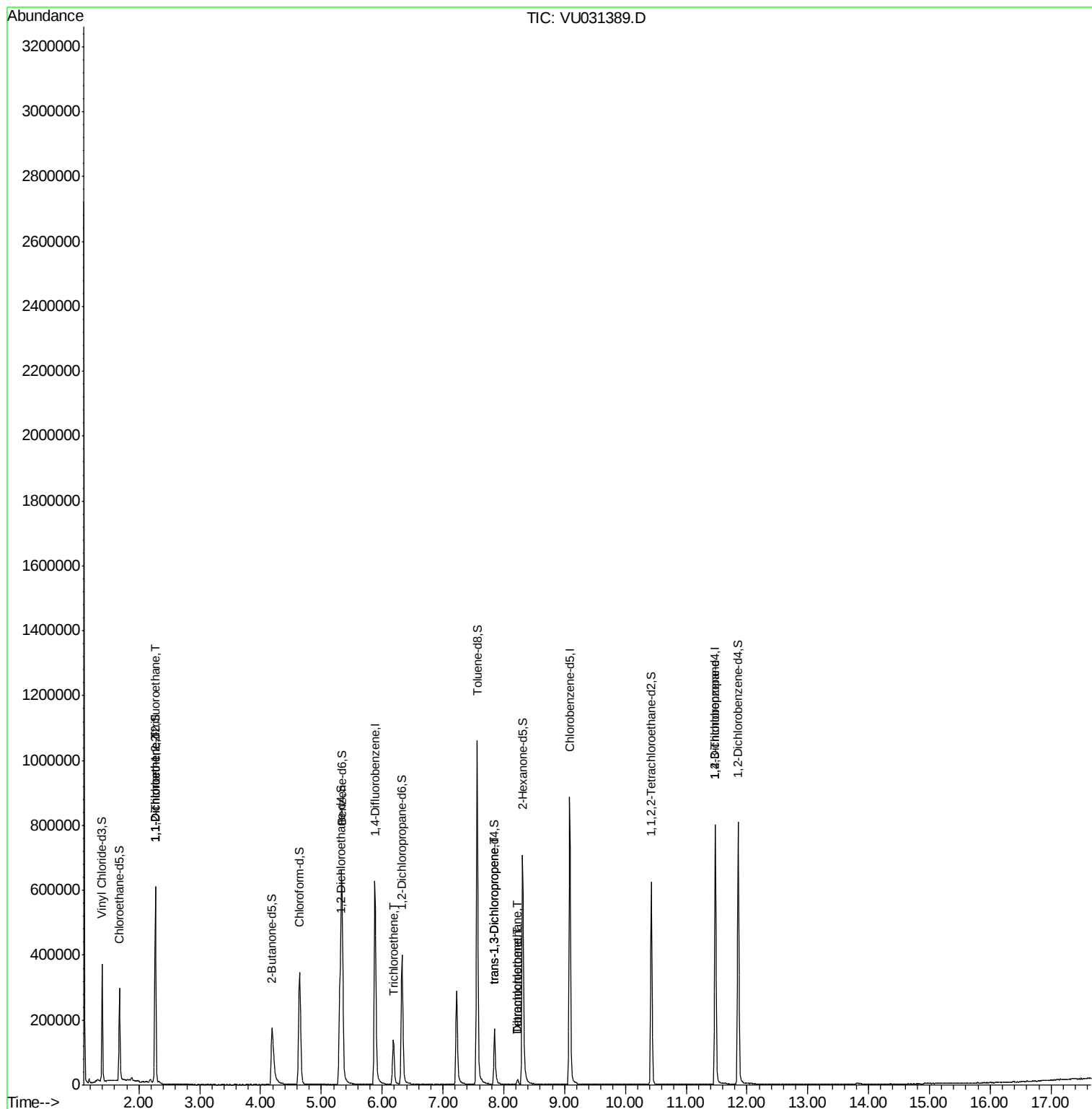
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3181	0.701	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2472	0.555	ug/L #	1
34) Trichloroethene	6.18	95	51668	11.668	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3904	0.640	ug/L	90
46) Tetrachloroethene	8.22	164	2448	0.735	ug/L	96
49) Dibromochloromethane	8.23	129	3810	0.836	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	24042	4.313	ug/L	89

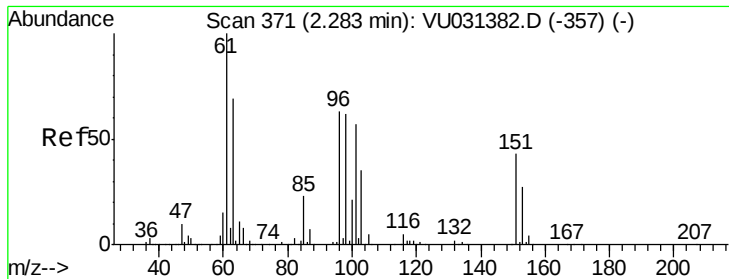
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031389.D
Acq On : 22 Apr 2019 13:14
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Apr 23 01:03:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.701 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

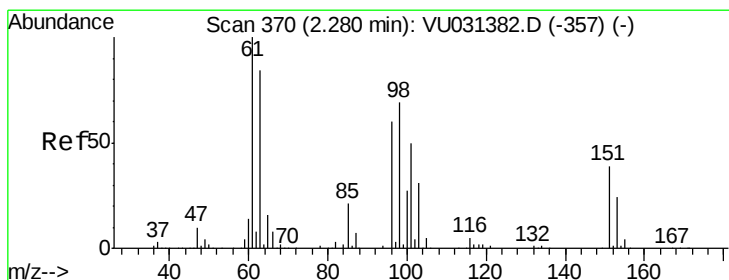
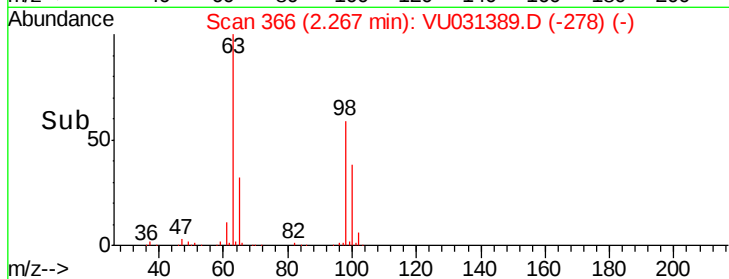
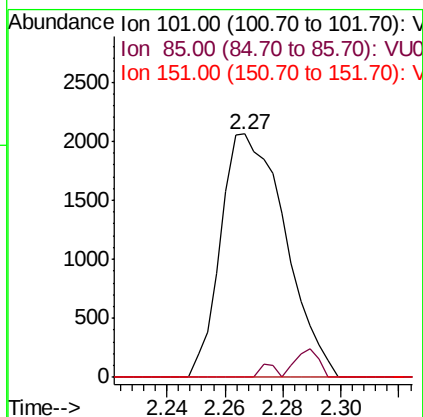
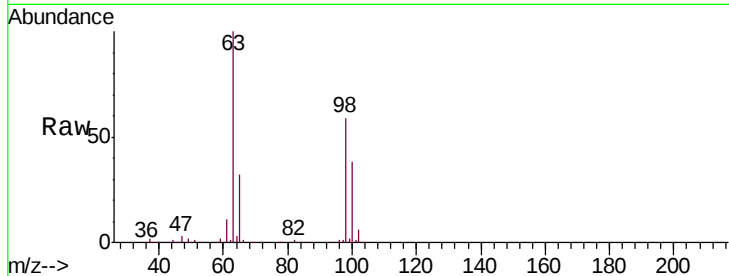
Tgt Ion: 101 Resp: 3181

Ion Ratio Lower Upper

101 100

85 1.3 35.4 53.0#

151 0.0 59.8 89.8#



#12

1,1-Dichloroethene

Concen: 0.555 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

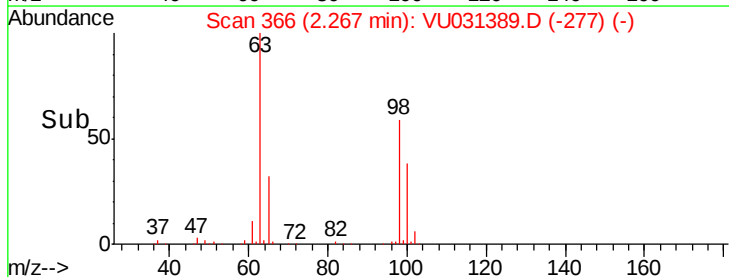
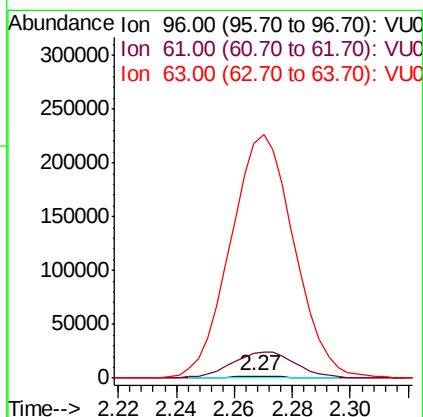
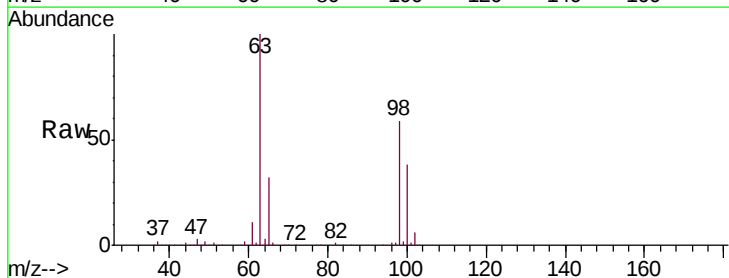
Tgt Ion: 96 Resp: 2472

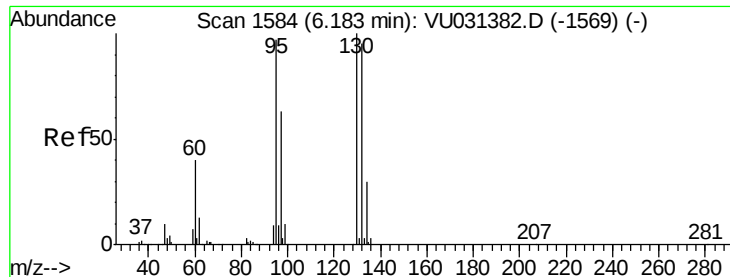
Ion Ratio Lower Upper

96 100

61 1329.7 130.4 242.2#

63 12524.1 108.9 202.3#





#34

Trichloroethene

Concen: 11.668 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 95 Resp: 51668

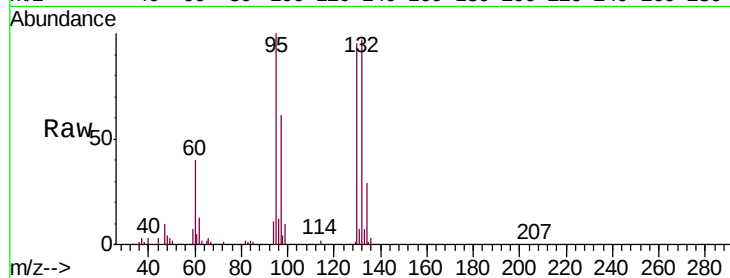
Ion Ratio Lower Upper

95 100

97 61.3 43.6 81.0

132 97.0 64.5 119.7

130 95.4 68.0 126.2

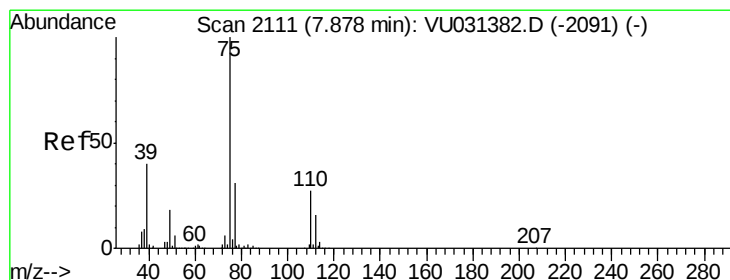
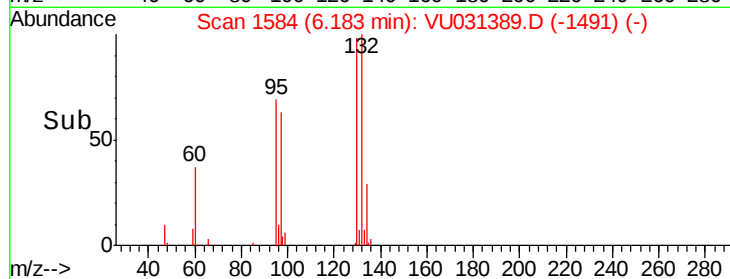
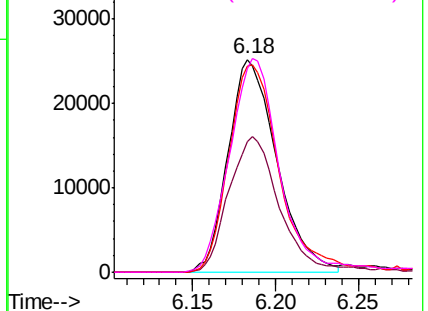


Abundance Ion 95.00 (94.70 to 95.70): VU031389.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031389.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031389.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031389.D (-1491) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.640 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031389.D

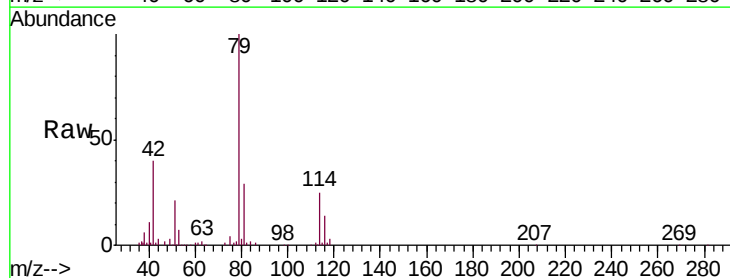
Acq: 22 Apr 2019 13:14

Tgt Ion: 75 Resp: 3904

Ion Ratio Lower Upper

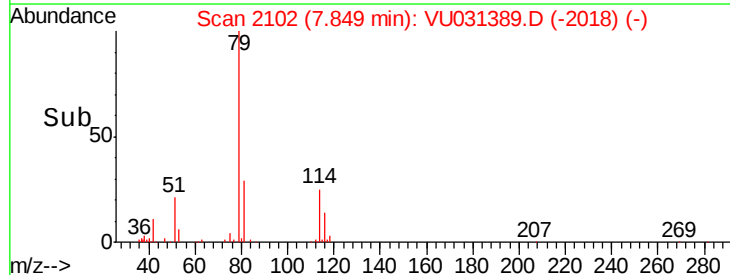
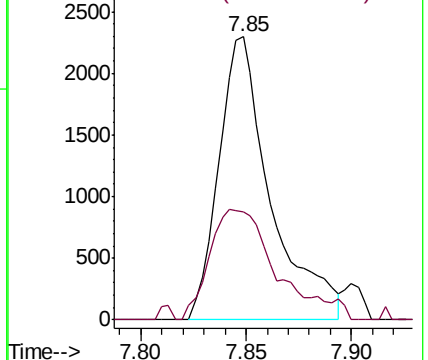
75 100

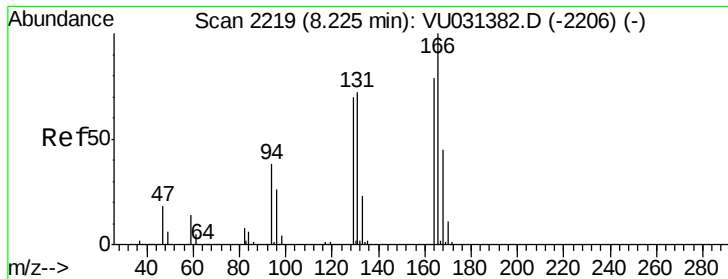
77 38.0 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031389.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031389.D (-2018) (-)





#46

Tetrachloroethene

Concen: 0.735 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion:164 Resp: 2448

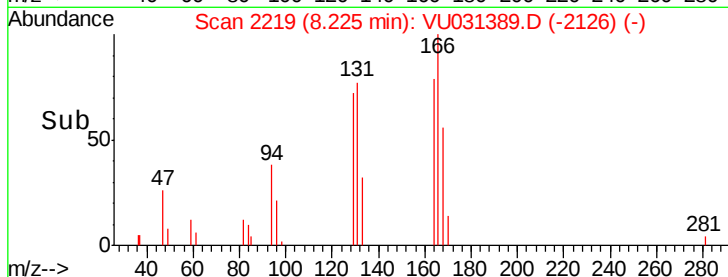
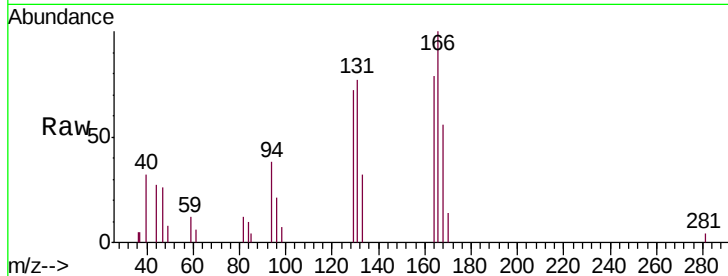
Ion Ratio Lower Upper

164 100

129 91.8 66.5 123.5

131 97.0 62.3 115.7

166 126.7 90.6 168.3

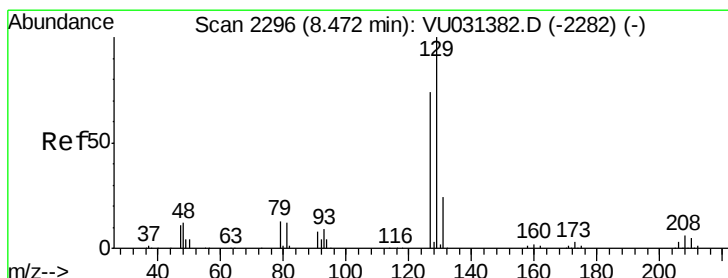
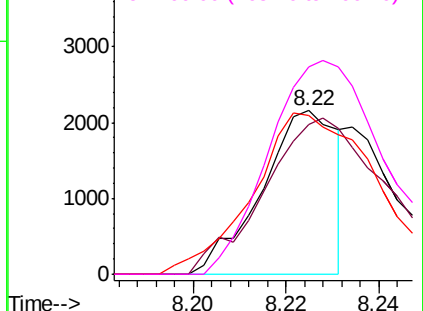


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 0.836 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. -0.24 min

Lab File: VU031389.D

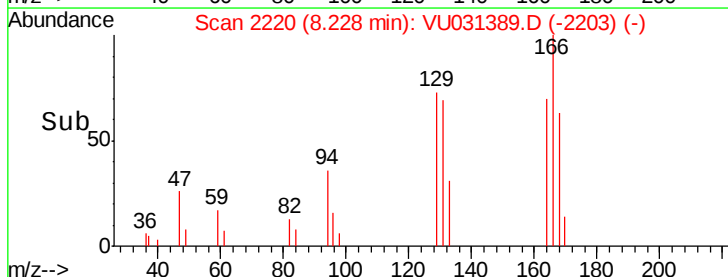
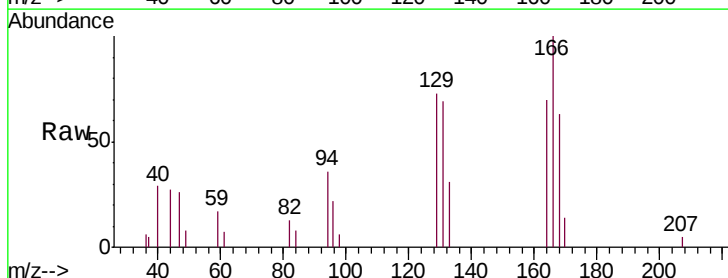
Acq: 22 Apr 2019 13:14

Tgt Ion:129 Resp: 3810

Ion Ratio Lower Upper

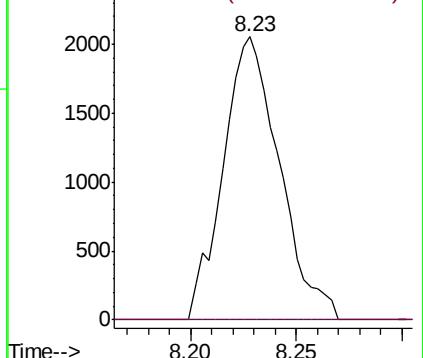
129 100

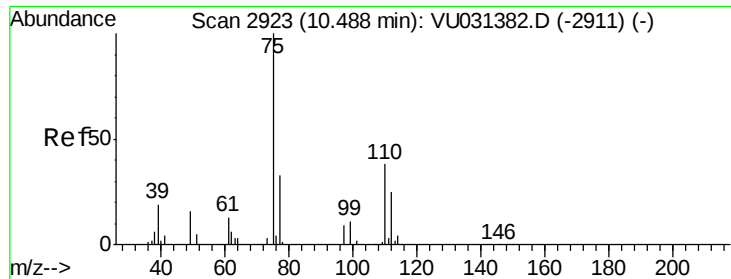
127 0.0 53.6 99.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.313 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 24042

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.2

